AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (CURRENTLY AMENDED) A light collection system comprising:

means for collecting light, said means having a plurality of surfaces; and

a plurality of light sources being capable of producing output light and positioned to direct said output light toward said means for collecting light;

wherein said surfaces direct said output light from said light sources in a direction towards a target area, wherein one of said plurality of light sources directs output light through a top portion of the means for collecting light.

2. (CURRENTLY AMENDED) ~~The~~ A light collection system ~~of claim 1~~, comprising:

means for collecting light, said means having a plurality of surfaces, and

a plurality of light sources positioned to direct light toward said means for collecting light,

wherein said surfaces direct light from said light sources in a direction towards a target area and wherein a light source directs light through the means for collecting light, said light exiting through a top ~~surface~~ portion of the means for collecting light having a truncated pyramid shape.

3. (ORIGINAL) The system of claim 1 further comprising a housing for positioning said light sources to direct light toward the means for collecting light.

4. (ORIGINAL) The system of claim 1 wherein said light sources comprise a panel of LEDs.

5. (CANCELED)

6. (CURRENTLY AMENDED) The system of claim 1 wherein said light sources comprise a panel of LEDs and a plurality of parabolic concentrators positioned to direct light from the LEDs towards the means for collecting light ~~collector~~.

7. (CURRENTLY AMENDED) The system of claim 1 wherein the light sources comprise a plurality of LEDs each being capable ~~are selected from: an LED~~ capable of providing between about 1-5 watts at 1 amp.

8. (CURRENTLY AMENDED) The system of claim 1 wherein the light sources comprise a plurality of LEDs each being capable ~~are selected from: an LED~~ capable of providing at least 80 lumens at 1 amp and 3 watts.

9. (CANCELED)

10. (CURRENTLY AMENDED) The system of claim 1 wherein surfaces of the means for collecting light ~~collector~~ have a silicon oxide thin film ~~selected from the following materials to optimize performance: silicon oxide~~.

11. (CANCELED)

12. (CURRENTLY AMENDED) The system of claim 1 wherein said means for collecting light and said plurality of surfaces include ~~substantially all optical elements including~~ optical coatings to create a consistent set of indices of refraction.

13. (CURRENTLY AMENDED) The system of claim 1 further comprising an image panel, wherein said means for collecting light ~~collector~~ is used to direct the light toward the image panel.

Claims 14-16 (CANCELED)

17. (CURRENTLY AMENDED) The system of claim 1 wherein:

a first of said surfaces reflects light from a first of said light sources;

a second of said surfaces reflects light from a second of said light sources;

a third of said surfaces reflects light from a third of said light sources; and

a fourth of said surfaces reflects light from a fourth of said light sources[[;]].

Claims 18-38 (CANCELED)

39. (NEW) The system of claim 2 further comprising a housing for positioning said light sources to direct light toward the means for collecting light.

40. (NEW) The system of claim 2 wherein said light sources comprise a panel of LEDs.

41. (NEW) The system of claim 2 wherein said light sources comprise a panel of LEDs and a plurality of parabolic concentrators positioned to direct light from the LEDs towards the means for collecting light.

42. (NEW) The system of claim 2 wherein surfaces of the means for collecting light have a silicon oxide thin film.

43. (NEW) The system of claim 2 wherein said means for collecting light and said plurality of surfaces include optical coatings to create a consistent set of indices of refraction.

44. (NEW) The system of claim 2 further comprising an image panel, wherein said means for collecting light is used to direct light toward the image panel.

45. (NEW) The system of claim 2 wherein:

a first of said surfaces reflects light from a first of said light sources,

a second of said surfaces reflects light from a second of said light sources,

a third of said surfaces reflects light from a third of said light sources, and

a fourth of said surfaces reflects light from a fourth of said light sources.

46. (NEW) A light collection system comprising:

a light collector, said light collector having a plurality of surfaces and a truncated pyramid shape, and

a plurality of light sources positioned to direct light toward said light collector, wherein said plurality of surfaces direct light from said plurality of light sources in a direction towards a target area and

one of said plurality of light sources directs light through the light collector, said light exiting through a top portion of the light collector.

47. (NEW) The system of claim 46 further comprising a housing for positioning said plurality of light sources.

48. (NEW) The system of claim 46 wherein said plurality of light sources comprise a panel of LEDs.

49. (NEW) The system of claim 46 wherein said plurality of light sources comprise a panel of LEDs and a plurality of parabolic concentrators positioned to direct light from the LEDs towards the light collector.

50. (NEW) The system of claim 46 wherein surfaces of said light collector have a silicon oxide thin film.

51. (NEW) The system of claim 46 wherein said light collector and said plurality of surfaces include optical coatings to create a consistent set of indices of refraction.

52. (NEW) The system of claim 46 further comprising an image panel, wherein said light collector is used to direct light toward the image panel.

53. (NEW) The system of claim 46 wherein:

a first of said surfaces reflects light from a first of said light sources,

a second of said surfaces reflects light from a second of said light sources,

a third of said surfaces reflects light from a third of said light sources, and

a fourth of said surfaces reflects light from a fourth of said light sources.